

ABSTRACT OF THE DISCLOSURE

In order to manufacture a sandwich panel using the RTM technique, a stack comprising a core (10) with open cells, a film (12) of intumescent material covering each of the faces of the core (10), a dry barrier fabric (14) covering each of the films (12) and an overlay of dry fibers (16) covering each of the barrier fabrics is placed in a mold. During polymerization of the films (12); pressurization of the mold and the presence of the barrier fabrics (14) prevent penetration of the foam into the overlays (16). The resin is then injected into the mold and then polymerized, without danger of penetration into the cells of the core (10).

15 Fig. 1